

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An eyeglass lens processing apparatus comprising:
a lens holding unit that holds and rotates an eyeglass lens;
a hole forming portion that includes a hole forming tool which forms a hole for attaching a rimless frame in an eyeglass-a refractive surface of the lens; and
a tilt mechanism portion that tilts the hole forming tool relatively to the lens held by the lens holding unit;
a movement mechanism portion that moves the hole forming tool in a rotating axis direction thereof relatively to the lens held by the lens holding unit;
a calculator that calculates hole forming data based on target lens shape data, hole position data and hole direction data of the rimless frame;
a breakage detector that detects whether or not the hole forming tool is broken is provided outside a partition forming a lens processing chamber and includes a sensor for detecting movement of a shaft due to an abutment against a tip of the hole forming tool or detecting a proximity state of the tip of the hole forming tool; and
a controller that judges whether or not the hole forming tool is broken based on an output of the breakage detector and prohibits the hole forming based on the hole forming data when the hole forming tool is broken.

2-5. (canceled).

6. (currently amended): The eyeglass lens processing apparatus according to claim 1, further comprising:

~~a periphery processing portion that includes a periphery processing tool which grinds or cuts a periphery of the lens; and~~

~~a where the controller that operates in order the periphery processing portion and the hole forming portion with respect to the lens, operates the breakage detector before or after every forming of the hole, and, in the event that breakage of the hole forming tool is detected broken, prohibits subsequent operation of the periphery processing portion and the hole forming portion.~~

7. (currently amended): An eyeglass lens processing apparatus according to claim 6, further comprising a lens conveying portion that conveys the lens between the periphery processing portion and the hole forming portion,

~~wherein when breakage of the hole forming tool is detected broken, the controller prohibits the subsequent operation of the lens conveying portion.~~

8. (currently amended): An eyeglass lens processing apparatus according to claim 6, further comprising an alarm,

~~wherein when the breakage of the hole forming tool is detected broken, the controller causes the alarm to issue warning to that effect.~~